

HUNTERS POINT NAVAL STATION SITE

Below are the tabulated number of targeted samples required if no random samples are collected. VSP software was used to generate these numbers. The same uncertainties apply that were identified in the technical memorandum for Parcel G. The second page is a plot that shows the relationship between sample size, confidence levels, and assumed likelihood of targeted samples to be unacceptable. It provides some perspective.

TABLE 1. TRENCH UNIT CALCULATIONS

Parcel	Number of Trench Units in the Parcel	Number of Targeted Samples Required to be 95% Confident that at least 95% of the Trench Units are Acceptable
B	70	21
C	69	21
D-2	7	6
E	55	20
UC-1	12	9
UC-2	8	6
UC-3	21	13

Note: Targeted samples are assumed to be 2 times more likely to be unacceptable.

TABLE 2. EXCAVATION/FILL UNIT CALCULATIONS

Parcel	Number of Excavation/Fill Units in the Parcel	Number of Targeted Samples Required to be 95% Confident that at Least 95% of the Excavation/Fill Units are Acceptable
B	110	24
C	120	24
D-2	5	4
E	96	23
UC-1	25	14
UC-2	21	13
UC-3	30	15

Note: Targeted samples are assumed to be 2 times more likely to be unacceptable.

TABLE 3. FORMER BUILDING SITE CALCULATIONS

Parcel	Number of Former Building Sites	Number of Targeted Samples Required to be 95% Confident that at least 95% of the Former Building Sites are Acceptable
B	7	6
C	1	NA
D-2	2	NA
E	20	12
UC-1	0	NA
UC-2	0	NA
UC-3	0	NA

Note: Targeted samples are assumed to be 2 times more likely to be unacceptable.

